

RUBBER COMPOSITION, VULCANIZATE, AND AIR INTAKE HOSE

## ABSTRACT

A rubber composition, including  $\alpha,\beta$ -ethylenically  
5 unsaturated nitrile-conjugated diene copolymer rubber (A)  
having number average molecular weight of 50,000 to  
150,000,  $\alpha,\beta$ -ethylenically unsaturated nitrile-conjugated  
diene copolymer rubber (B) having number average  
molecular weight of 1,000 to 20,000, ethylene- $\alpha$ -olefin  
10 copolymer rubber (C), and a graft copolymer (D); wherein  
said graft copolymer (D) is obtained by performing graft  
copolymerization on a mixture of an aromatic vinyl  
compound and an  $\alpha,\beta$ -ethylenically unsaturated nitrile  
monomer with an ethylene-propylene-unconjugated copolymer,  
15 and a content of structure units of said ethylene-  
propylene-unconjugated copolymer is 20 to 70 wt%; a ratio  
of the graft copolymer (D) with respect to 100 parts by  
weight in total of said rubber (A), rubber (B) and rubber  
(C) is 1 to 30 parts by weight; and a composition ratio  
20 of the rubber (A), rubber (B) and rubber (C) is rubber  
(A): 20 to 79 wt%, rubber (B): 1 to 30 wt%, and rubber  
(C): 20 to 50 wt%, is subjected to vulcanization molding,  
consequently, vulcanizate of the rubber composition  
having excellently balanced ozone resistance, flexing  
25 fatigue resistance and oil resistance can be provided.